MAKE-A-RECORD8 3 11 PTO/SB/21 (07-09) AUG 0 2 2011 Approved for use through 07/31/2012. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Undecide Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/667,956 Application Number RANSMITTAL Filing Date September 22, 2003 **FORM** First Named Inventor Richard J. Cohen, et al. (to be used for all correspondence after initial filing) Art Unit 3766 **Examiner Name** Mark W. Bockelman otal Number of Pages in This Submission 6550-000199/US Attorney Docket Number ENCLOSURES (check all that apply) After Allowance Communication to Fee Transmittal Form Drawing(s) Technology Center (TC) Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Petition Appeal Communication to TC Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Terminal Disclaimer Other Enclosure(s) Extension of Time Request (please identify below): Transmittal letter requesting Request for Refund errors of record and an Express Abandonment Request acknowledgment postcard. CD, Number of CD(s) _ Information Disclosure Statement Landscape Table on CD The Commissioner is hereby authorized to charge any additional Remarks Certified Copy of Priority fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Document(s) Account No. 08-0750. Response to Missing Parts/ Incomplete Application EM 183874038 US Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Harness, Dickey & Pierce, P.L.C. Signature

Printed name Monte L. Falcoff Date August 2, 2011 Reg. No. 37,617

CERTIFICATE OF TRANSMISSION/MAILING

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TDANCMITTAL	Application Number 10/667,956		56				
TRANSMITTAL FORM	Filing Date		Septemb	September 22, 2003			
	First Named Inv	entor	Richard J	Richard J. Cohen, et al.			
(to be used for all correspondence after to 0 2 2011 =	Art Unit		3766	3766			
101 0 - 2011 - 1	Examiner Name		Mark W.	Mark W. Bockelman			
Total Number of Pages in This Submission		Attorney Docket	Number	6550-000	6550-000199/US		
	ENCLO	SURES (check all	that apply)		_	
Fee Transmittal Form	☐ Drawing	Drawing(s)			After Allowance Communication to Technology Center (TC)		
Fee Attached	Licensi	Licensing-related Papers			Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply	Petition	Petition		Appeal (Appea	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final		Petition to Convert to a Provisional Application		Proprie	Proprietary Information		
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address		☐ Status	Status Letter		
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Express Abandonment Request		Request for Refund CD, Number of CD(s)		err	Transmittal letter requesting errors of record and an acknowledgment postcard.		
Information Disclosure Statement	Laı	Landscape Table on CD					
Certified Copy of Priority Document(s)	Remar	Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit					
Response to Missing Parts/ Incomplete Application		Account No. 08-0750.					
Response to Missing Parts under 37 CFR 1.52 or 1.53							
SIGN	ATURE OF A	APPLICANT, ATT	ORNEY,	OR AGENT			
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Harness, Dickey & Pierce, P.L.C.						
Signature	with						
Printed name Monte L. Falcoff	Monte L. Falcoff						
Date August 2, 2011	August 2, 2011 Reg. No. 37,617						
	CERTIFICAT	E OF TRANSMIS	SION/M/	VILING			
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Typed or printed name Monte L. Falcoff		10		Express Mail Label No.	EM 183 874 038 US (8/2/2011)		
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August 2, 2011

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re:

Patent No. 7,815,578 - Issued: October 19, 2010

Inventors: Richard J. Cohen, Ramakrishna Mukkamala

and Derin A. Sherman

For: METHODS AND APPARATUS FOR DETERMINING

CARDIAC OUTPUT

Our Reference: 6550-000199/US

Sir:

We have reviewed the above-identified patent and have found the following errors. Please make the following errors of record in your files:

Column 1, line 14 (Preliminary Amendment dated November 4, 2003, page 2, line 5), "NAGS-4989" should be --NAG5-4989--.

Column 1, line 40 (application page 1, line 23), "may than be" should be --may then be--.

Column 3, line 63 (application page 5, line 2), "TD" should be $--\tau_D$ ---.

Column 4, line 44 (application page 6, line 3), "DRAWING" should be -- DRAWINGS--.

Column 5, line 22 (application page 7, line 3), "present" should be --presents--.

Column 8, line 35 (application page 11, line 16), "TD" should be $-\tau_{D}$ --.

Column 11, line 38 (application page 15, line 26), "ragne" should be --range--.

Column 11, line 40 (application page 15, line 28), "CO, CO," should be --CO--.

Harness, Dickey & Pierce, P.L.C. Attorneys and Counselors P.O. Box 828 Bloomfield Hills, Michigan 48303 U.S.A. 248.641.1600 • fax 248.641.0270

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Column 12, line 5 (application page 16, line 17), "fit.)" should be --fit.--.

Column 12, line 48 (application page 17, line 14), "T" should be $-\tau$ --.

No fee should be required. However, the Commissioner is hereby authorized to charge any fee or any fee insufficiencies to Deposit Account No. 08-0750 or credit any overpayments to that deposit account. A duplicate copy of this letter is enclosed.

Respectfully submitted,

By:

Monte L. Falcoff Reg. No. 37,617

Attorney for Applicants

MLF/sed Encl.





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